

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024721.D
 Acq On : 01 Apr 2023 18:31
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4258

Quant Time: Apr 03 01:38:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 04:05:52 2023
 Response via : Initial Calibration

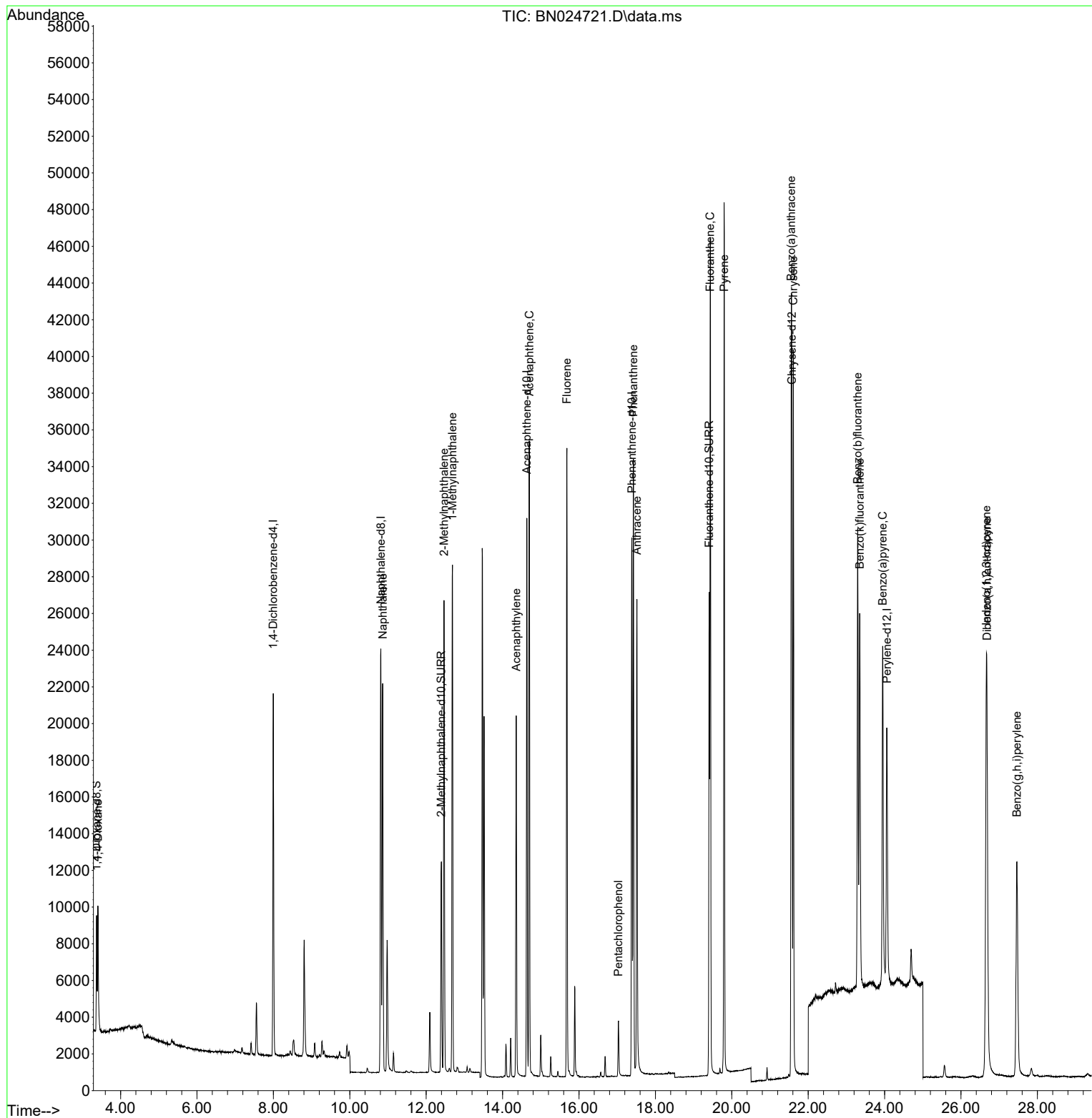
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	10052	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	30252	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.634	164	16638	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	34657	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	28122	0.400	ng/ul	0.00
23) Perylene-d12	24.058	264	20698	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	4047	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	14608	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	28080	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	4199	0.387	ng/ul	96
5) Naphthalene	10.861	128	29204	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	17920	0.387	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	18806	0.389	ng/ul	100
10) Acenaphthylene	14.356	152	22380	0.380	ng/ul	100
11) Acenaphthene	14.698	153	19758	0.387	ng/ul	100
12) Fluorene	15.684	166	22076	0.379	ng/ul	99
14) Pentachlorophenol	17.033	266	2187	0.292	ng/ul	99
15) Phenanthrene	17.426	178	36350	0.382	ng/ul	100
16) Anthracene	17.514	178	29829	0.376	ng/ul	100
19) Fluoranthene	19.436	202	39021	0.394	ng/ul	98
20) Pyrene	19.798	202	39567	0.392	ng/ul	97
21) Benzo(a)anthracene	21.556	228	33589	0.398	ng/ul	99
22) Chrysene	21.612	228	34932	0.376	ng/ul	100
24) Benzo(b)fluoranthene	23.295	252	33622	0.391	ng/ul	99
25) Benzo(k)fluoranthene	23.348	252	31483	0.380	ng/ul	99
26) Benzo(a)pyrene	23.953	252	27285	0.403	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.663	276	31475	0.391	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.679	278	24598	0.382	ng/ul	99
29) Benzo(g,h,i)perylene	27.461	276	25751	0.372	ng/ul	99

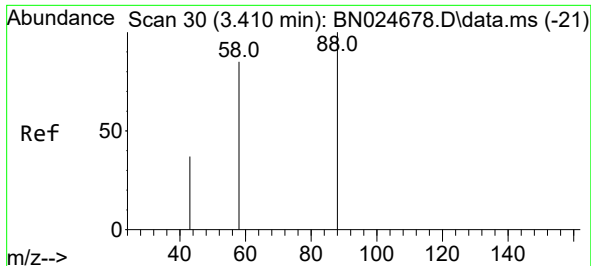
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024721.D
Acq On : 01 Apr 2023 18:31
Operator : CG/JU
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Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

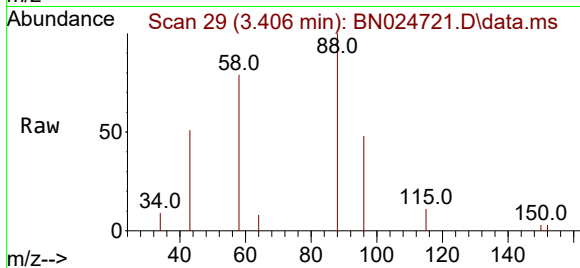
Quant Time: Apr 03 01:38:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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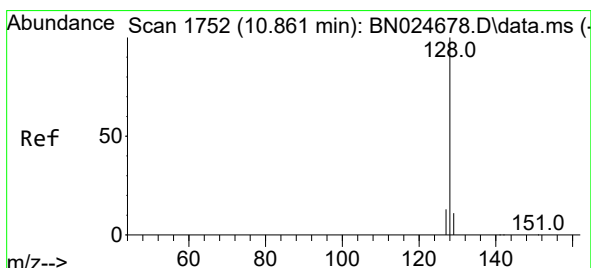
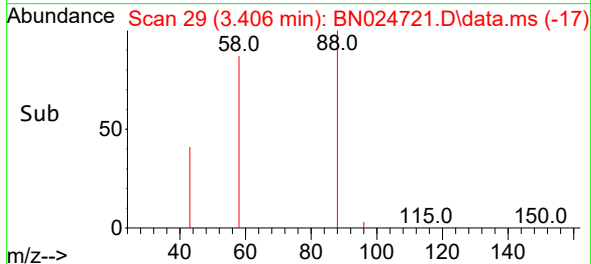
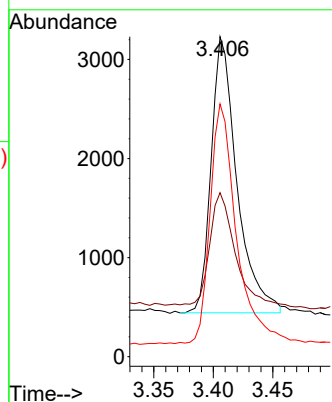


#2
1,4-Dioxane
Concen: 0.387 ng/ul
RT: 3.406 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

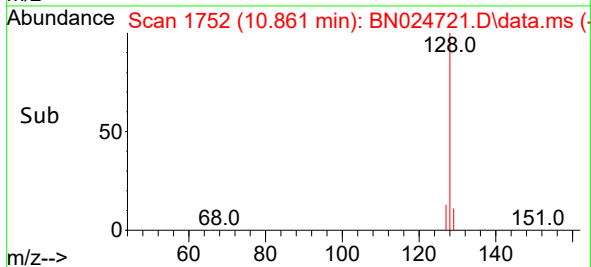
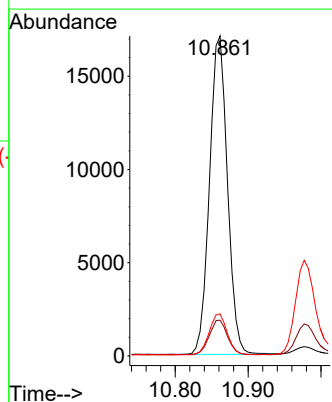
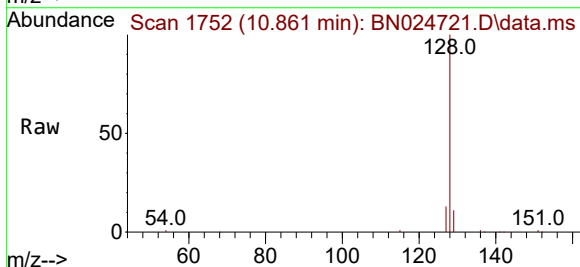


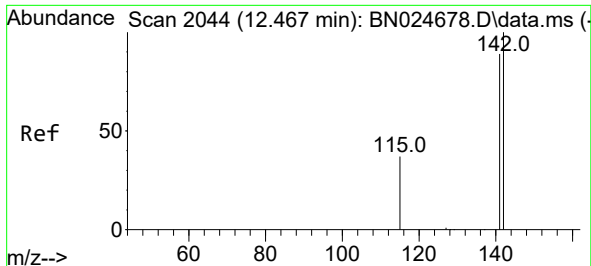
Tgt Ion: 88 Resp: 4199
Ion Ratio Lower Upper
88 100
43 51.2 37.2 55.8
58 79.0 61.5 92.3



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Tgt Ion: 128 Resp: 29204
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.5 15.7

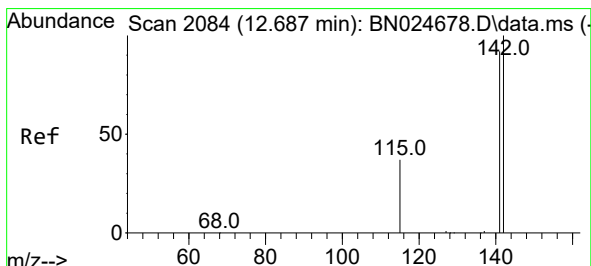
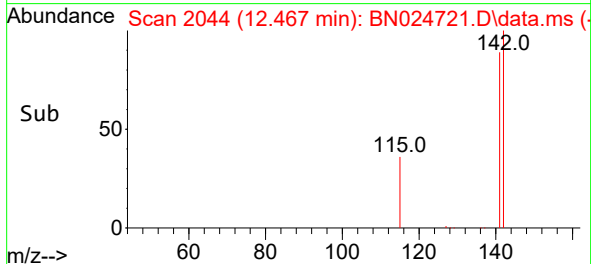
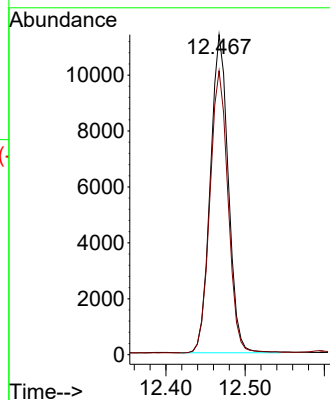
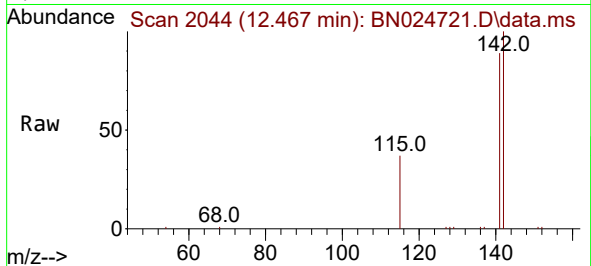




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

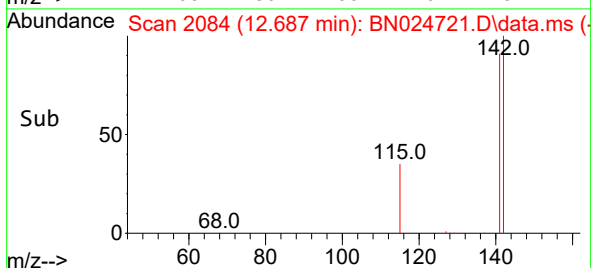
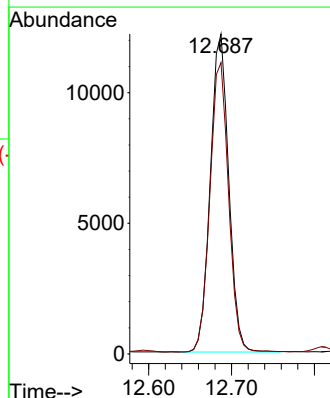
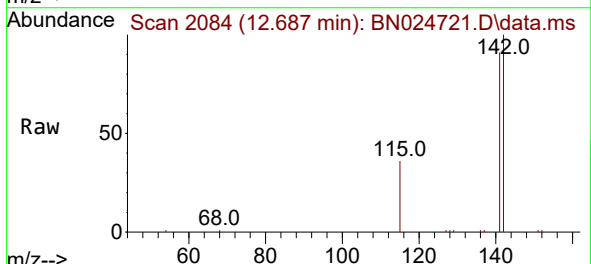
Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

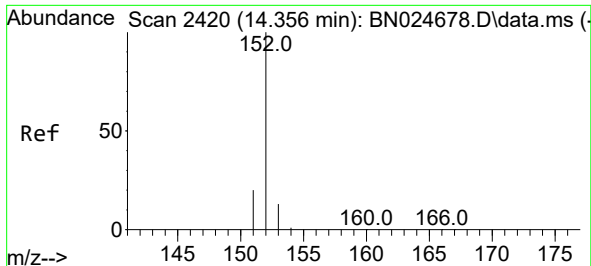
Tgt Ion:142 Resp: 17920
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Tgt Ion:142 Resp: 18806
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3

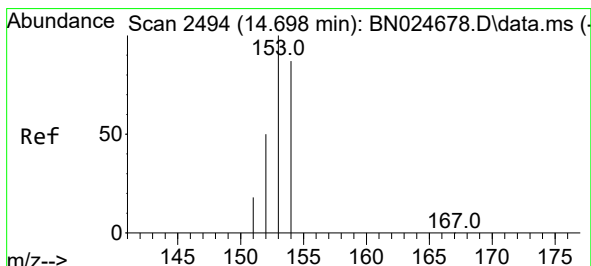
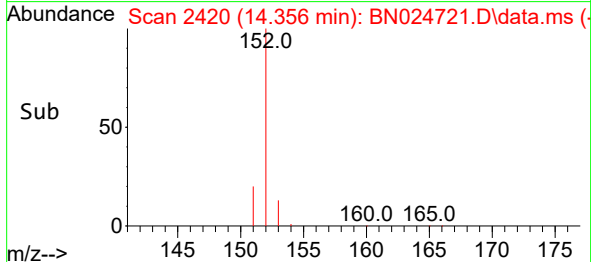
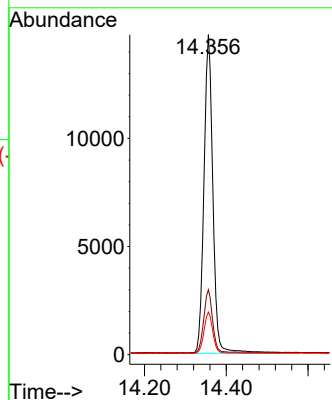
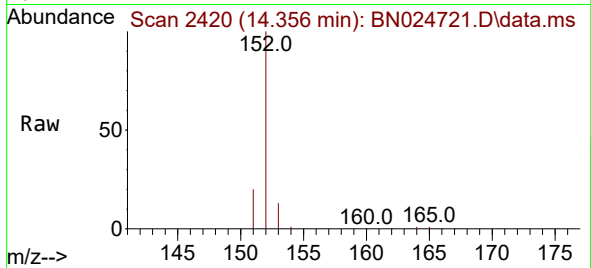




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

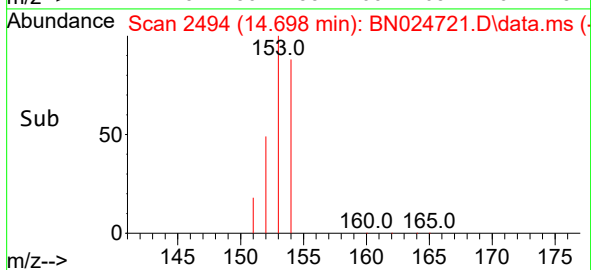
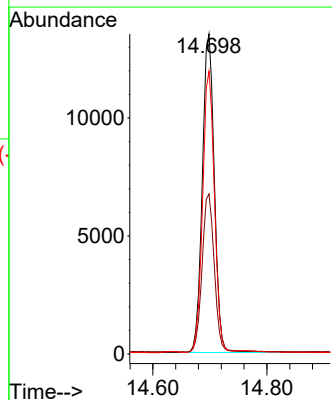
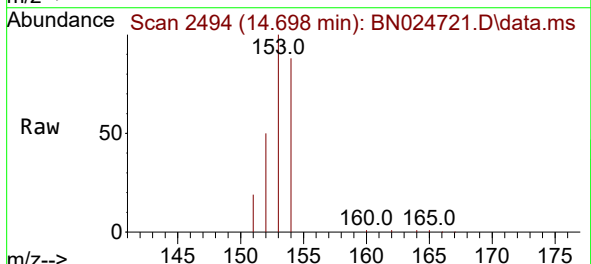
Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

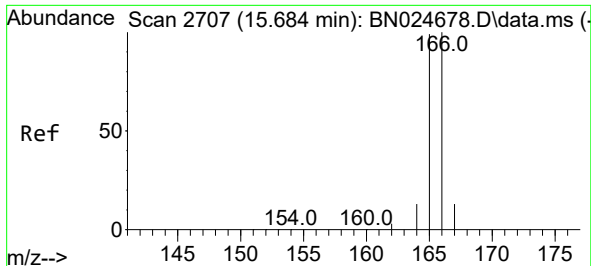
Tgt Ion:152 Resp: 22380
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Tgt Ion:153 Resp: 19758
Ion Ratio Lower Upper
153 100
152 50.0 40.3 60.5
154 88.4 71.0 106.4

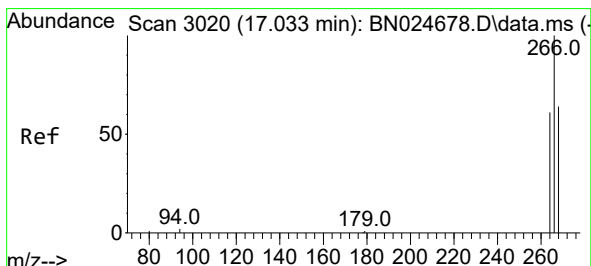
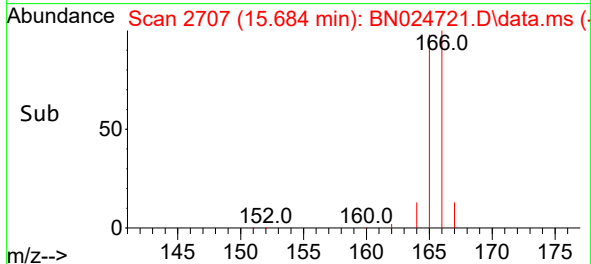
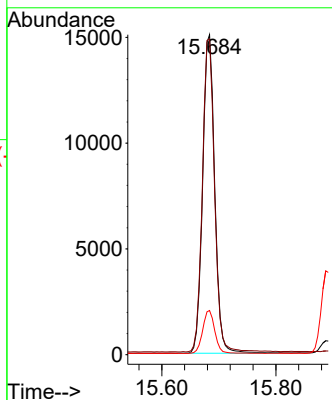
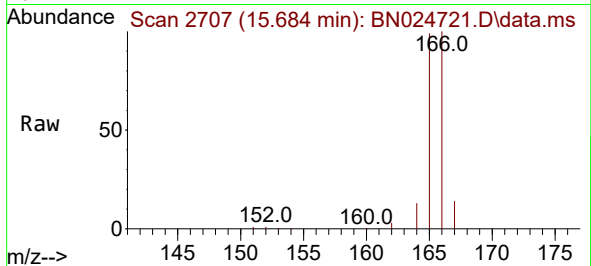




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

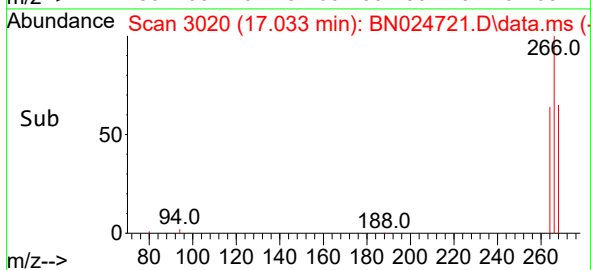
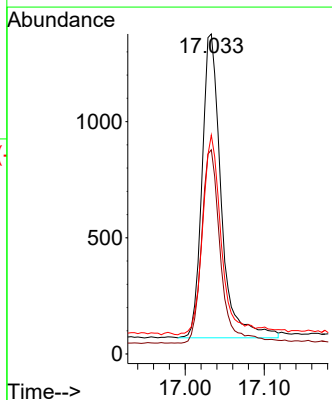
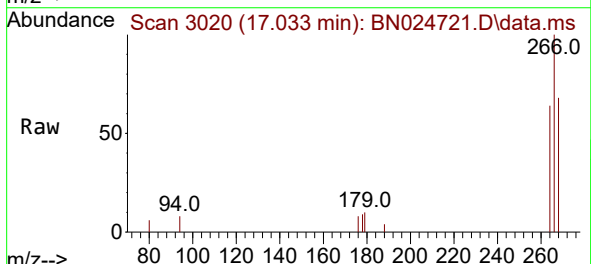
Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

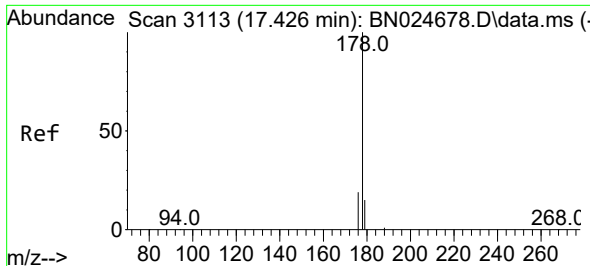
Tgt Ion:166 Resp: 22076
Ion Ratio Lower Upper
166 100
165 98.6 80.0 120.0
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.292 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. -0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Tgt Ion:266 Resp: 2187
Ion Ratio Lower Upper
266 100
264 63.0 49.6 74.4
268 65.5 52.6 78.8

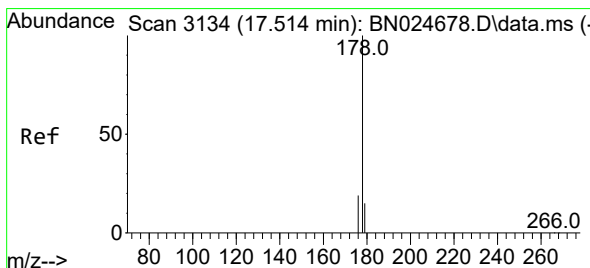
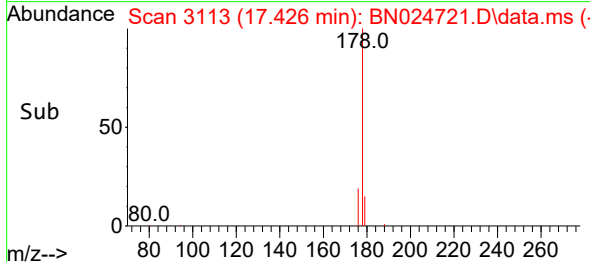
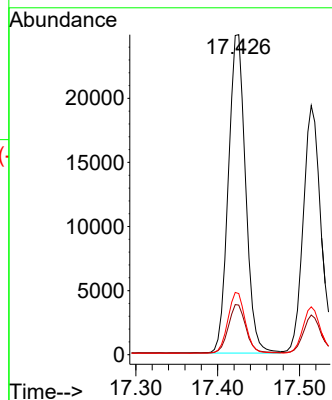
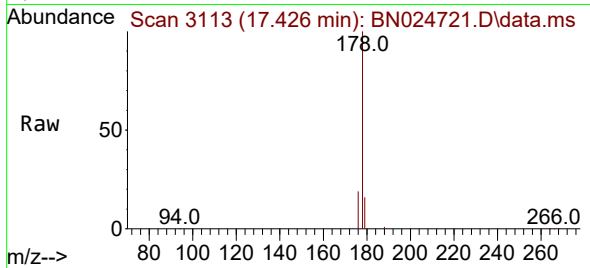




#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

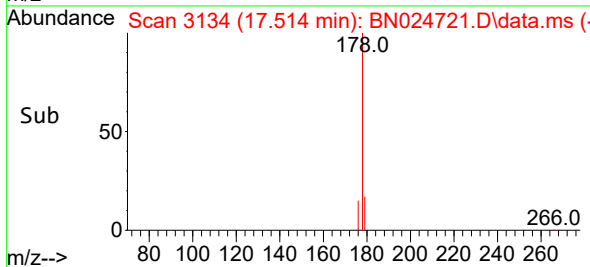
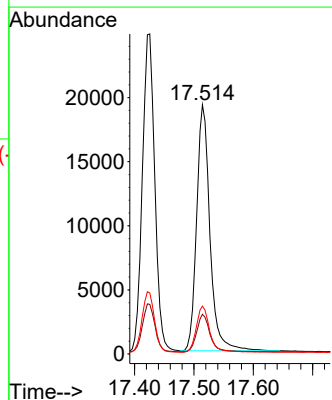
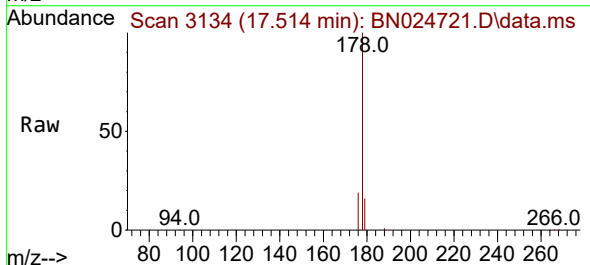
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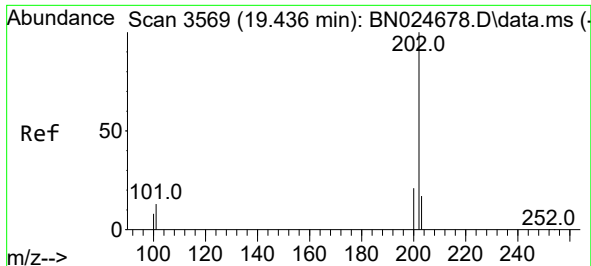
Tgt Ion:178 Resp: 36350
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.1 15.5 23.3



#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.514 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Tgt Ion:178 Resp: 29829
Ion Ratio Lower Upper
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179 15.9 12.7 19.1
176 19.2 15.2 22.8

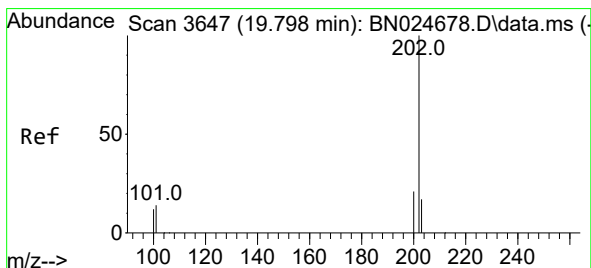
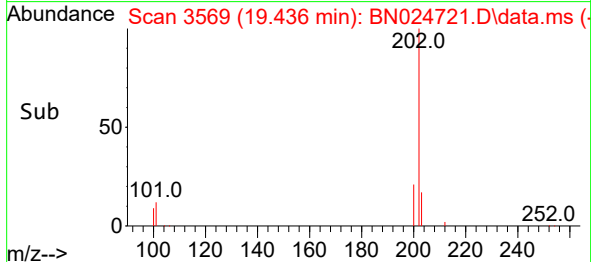
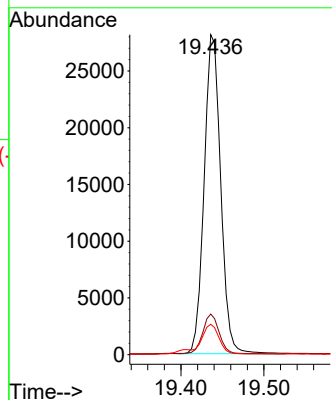
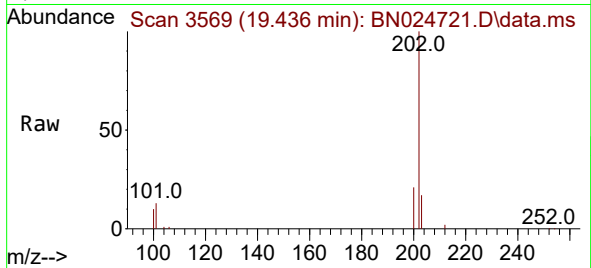




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

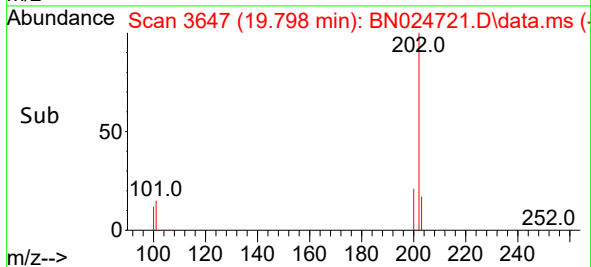
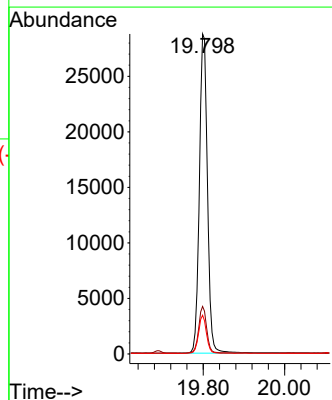
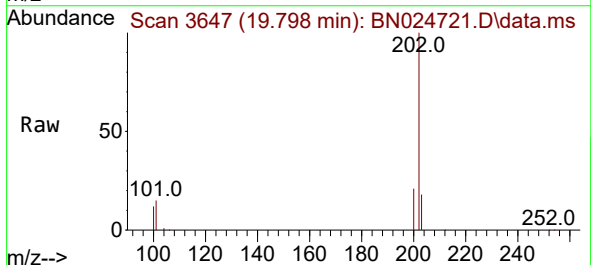
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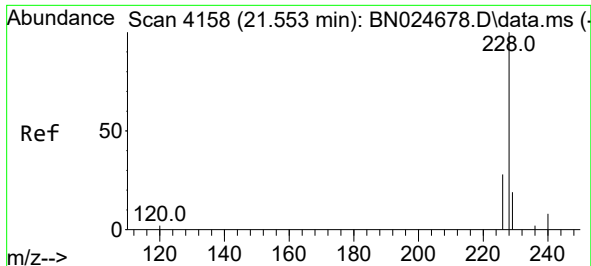
Tgt Ion:202 Resp: 39021
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 9.5 7.0 10.6



#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.798 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

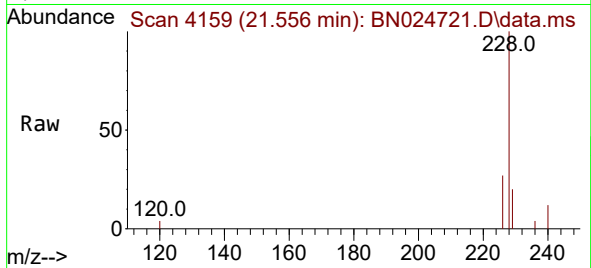
Tgt Ion:202 Resp: 39567
Ion Ratio Lower Upper
202 100
101 14.8 10.9 16.3
100 12.1 8.7 13.1



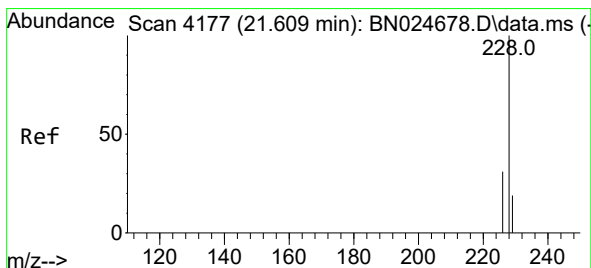
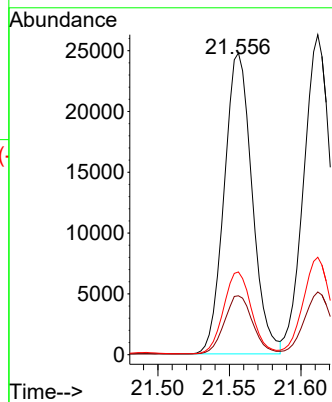
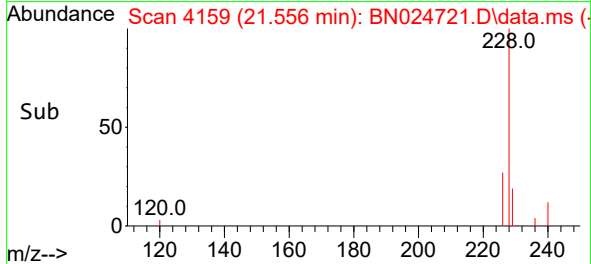


#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.556 min Scan# 4158
Delta R.T. 0.009 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

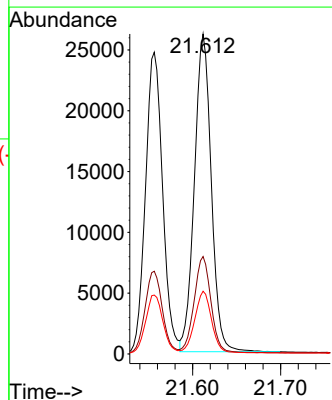
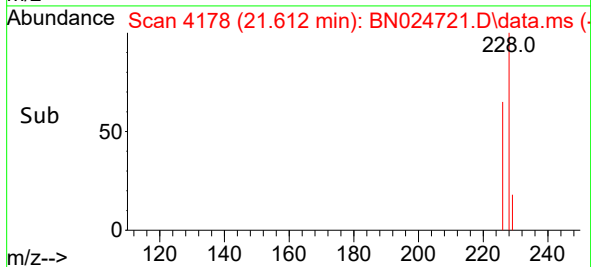
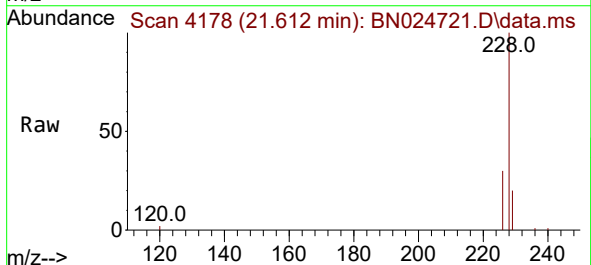


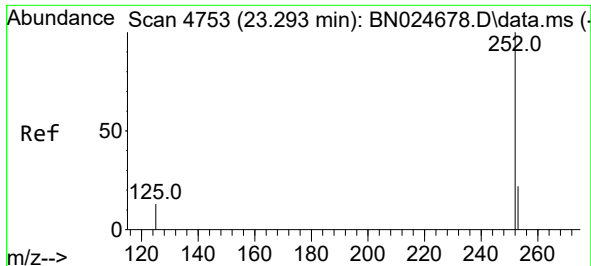
Tgt Ion:228 Resp: 33589
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.612 min Scan# 4178
Delta R.T. 0.009 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Tgt Ion:228 Resp: 34932
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.6 15.6 23.4

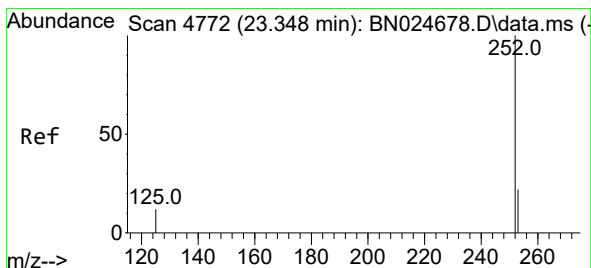
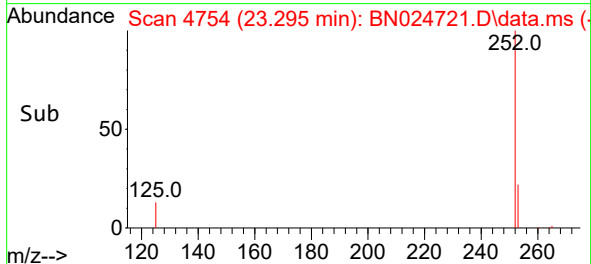
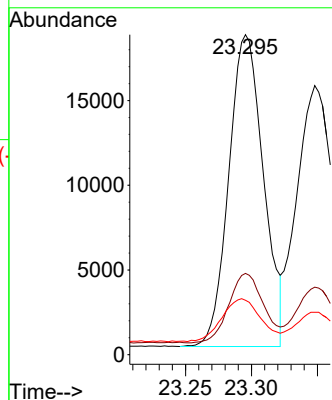
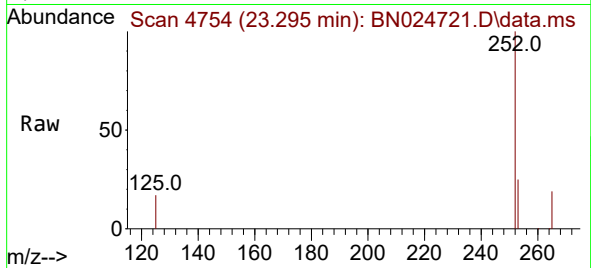




#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 23.295 min Scan# 4753
Delta R.T. 0.012 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

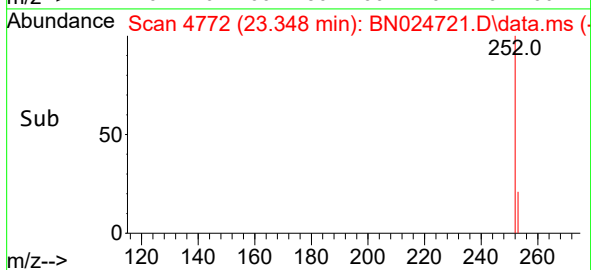
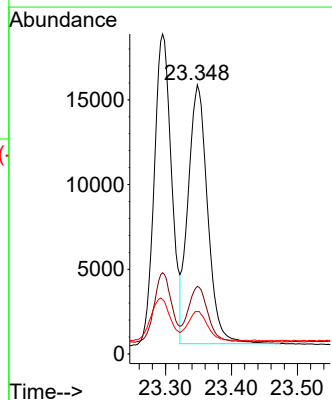
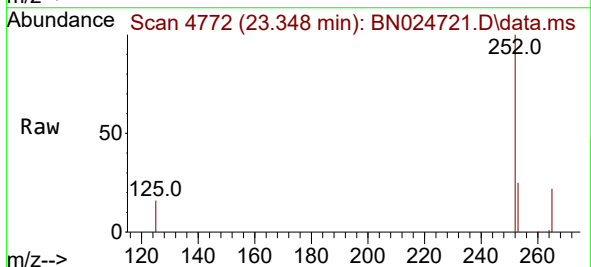
Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

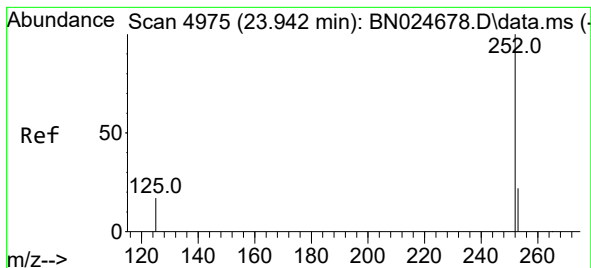
Tgt Ion:252 Resp: 33622
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.6
125 17.0 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 23.348 min Scan# 4772
Delta R.T. 0.014 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Tgt Ion:252 Resp: 31483
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.2
125 15.7 13.1 19.7





#26

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 23.953 min Scan# 4975

Delta R.T. 0.014 min

Lab File: BN024721.D

Acq: 01 Apr 2023 18:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.4258

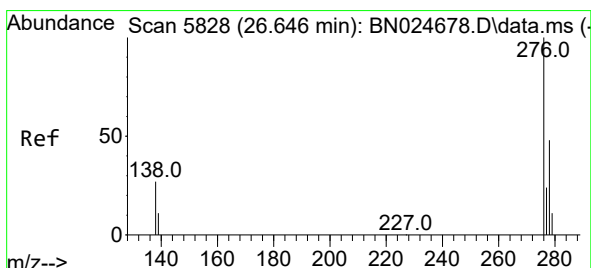
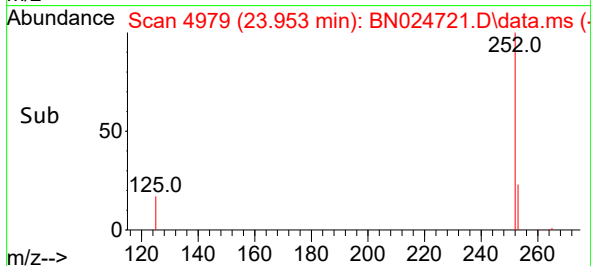
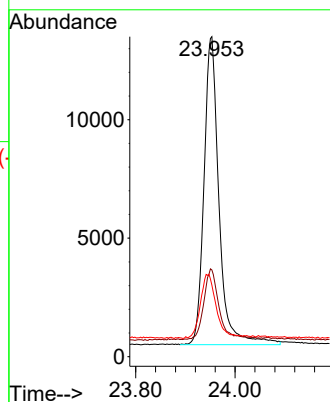
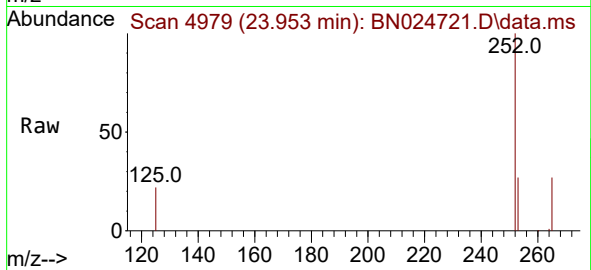
Tgt Ion:252 Resp: 27285

Ion Ratio Lower Upper

252 100

253 27.1 21.8 32.8

125 22.3 15.4 23.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.391 ng/ul

RT: 26.663 min Scan# 5833

Delta R.T. 0.017 min

Lab File: BN024721.D

Acq: 01 Apr 2023 18:31

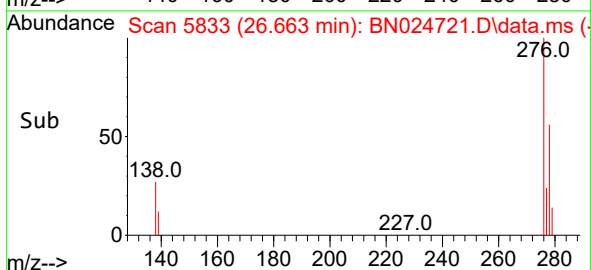
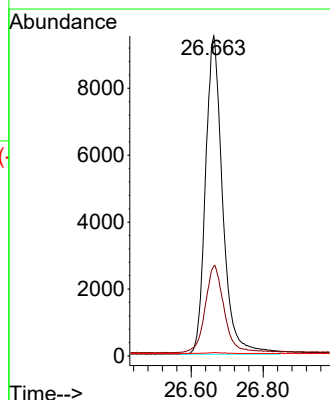
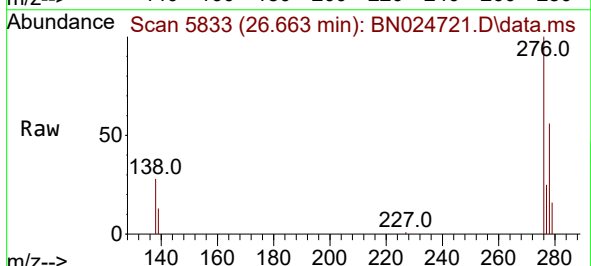
Tgt Ion:276 Resp: 31475

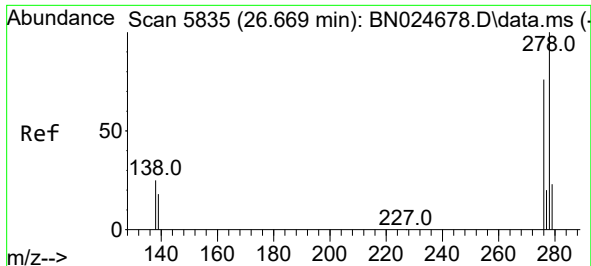
Ion Ratio Lower Upper

276 100

138 30.5 24.6 36.8

227 0.2 0.1 0.1#

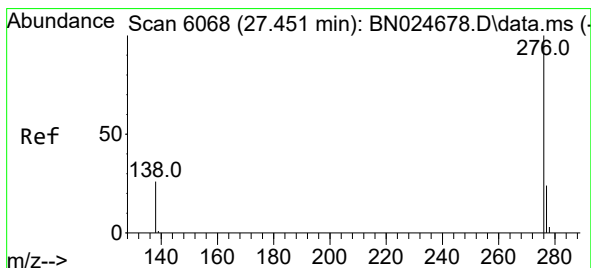
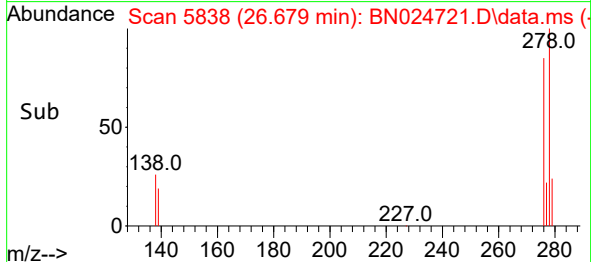
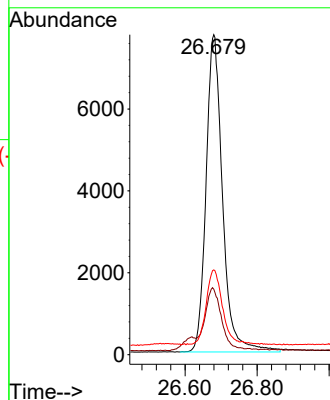
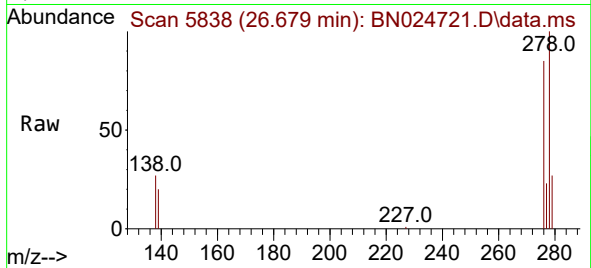




#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.679 min Scan# 5835
Delta R.T. 0.013 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

Tgt Ion:278 Resp: 24598
Ion Ratio Lower Upper
278 100
139 20.5 16.5 24.7
279 26.5 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 27.461 min Scan# 6071
Delta R.T. 0.017 min
Lab File: BN024721.D
Acq: 01 Apr 2023 18:31

Tgt Ion:276 Resp: 25751
Ion Ratio Lower Upper
276 100
138 26.0 21.4 32.2
277 24.6 19.8 29.6

